

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 9/19/2018

Water Supplier

Supplier Name: Estero Municipal Water District

Supplier Participants: Laura Gallis, Norm Dorais

Validator

Validator: Kate Gasner,
Water Systems Optimization

Validator Qualifications: Water Audit Validator Certificate from
the AWWA California Nevada Section

Key Audit Metrics

Certification Statement by Validator

Data Validity Score: 63

ILI: 3.2

Real Loss: 41.2 gal / conn / day

Apparent Loss: 6.9 gal / conn / day

Non-Revenue Water as Percent
of Cost of Operating System: 8.0%

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.
All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name:

Estero Municipal Improvement District

Water Supplier Public Water System ID:

CA4110021

Water Audit Period:

2017

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

Took steps to verify accuracy of electronically captured data by re-establishing scripts written to capture the data.

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print):

Norman Dorais

Executive Position:

Director of Public Works

Signature:



Date

10/01/2018